

INFORMATION DISCLOSURE CITATION

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ATTY DOCKET NO.
ZIM0048-01

SERIAL NO.

Dana Mears et al.

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GROUP

JC986 U.S. PTO

09/992639



11/06/01

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MBP	4,341,220	07/1982	Perry	128	630	
	4,905,148	02/1990	Crawford	364	413.1	
	5,007,936	04/1991	Woolson	623	23	
	5,086,401	02/1992	Glassman et al.	395	94	
	5,242,455	09/1993	Skeens et al.	606	130	
	5,251,127	10/1993	Raab	364	413.13	
	5,299,288	03/1994	Glassman et al.	395	80	
	5,305,203	04/1994	Raab	364	413.13	
	5,360,446	11/1994	Kennedy	623	16	
	5,383,454	01/1995	Bucholz	128	653.1	
MBP	5,389,101	02/1995	Heilbrun et al.	606	130	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MBP		The Elevated-Rim Acetabular Liner in Total Hip Arthroplasty: Relationship to Postoperative Dislocation by T.K. Cobb, M.D., B.F. Morrey, M.D., and D.M. Ilstrup, M.S., The Journal of Bone and Joint Surgery, Vol. 78-A, No. 1, January 1996, pgs. 80-86
MBP		Displacement after Total Hip-Replacement Arthroplasties by George E. Lewinnek, M.D., Jack L. Lewis, PhD, Richard Tarr, M.S., Clinton L. Compere, M.D. and Jerald R. Zimmerman, B.S., The Journal of Bone and Joint Surgery, Vol. 60-A, No. 2, March 1978, pgs. 217-220

EXAMINER Michael B. Pinsky	DATE CONSIDERED 09/03/2003
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MBP	5,408,409	04/1995	Glassman et al.	364	413.13	
	5,517,990	05/1996	Kalfas et al.	128	653.1	
	5,540,692	07/1996	Tidwell	606	79	
	5,616,147	04/1997	Gadelius	606	102	
	5,676,673	10/1997	Ferre et al.	606	130	
	5,682,886	11/1997	Delp et al.	128	653.1	
	5,690,635	11/1997	Matsen, III et al.	606	88	
	5,741,215	04/1998	D'Urso	600	407	
	5,748,767	05/1998	Raab	382	128	
	5,769,092	06/1998	Williamson, Jr.	128	898	
MBP	5,776,064	07/1998	Kalfas et al.	600	414	

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MBP		Range of Motion in Contemporary Total Hip Arthroplasty by Robert J. Krushell, M.D., Dennis W. Burke, M.D., and William H. Harris, M.D., The Journal of Arthroplasty, Vol. 6, No. 2, June 1991, pgs. 97-101
MBP		Elevated-Rim Acetabular Components by Robert J. Krushell, M.D., Dennis W. Burke, M.D., and William H. Harris, M.D., The Journal of Arthroplasty, Vol. 6 Supplement, October, 1991, pgs. S53-S58

EXAMINER

Michael B. Petty

DATE CONSIDERED

09/03/2003

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MBP	5,800,352	09/1998	Ferre et al.	600	407	
	5,803,089	09/1998	Ferre et al.	128	897	
	5,806,518	09/1998	Mittelstadt	128	653.1	
	5,817,105	10/1998	Van Der Brug	606	130	
	5,824,083	10/1998	Draenert	623	16	
	5,824,085	10/1998	Sahay et al.	623	16	
	5,829,444	11/1998	Ferre et al.	128	897	
	5,871,018	02/1999	Delp et al.	128	898	
	5,871,445	02/1999	Bucholz	600	407	
	5,885,295	03/1999	McDaniel et al.	606	86	
MBP	5,950,629	09/1999	Taylor et al.	128	897	

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

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MBP			Range of Motion Studies for Total Hip Replacements, Harlan C. Amstutz, M.D., R.M. Ludwig, D.J. Schurman, M.D., and A.G. Hodgson, Clinical Orthopaedics and Related Research, Number III, September, 1975, pgs. 124-130
MBP			Dislocation After Total Hip Arthroplasty, by Donald E. McCollum, M.D., and William J. Gray, M.D., Clinical Orthopaedics and Related Research, Number 261, December, 1990, pgs. 159-170

EXAMINER <i>Michael B. Pridby</i>	DATE CONSIDERED 09/03/2003
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MBP	5,997,582	12/1999	Weiss	623	23	

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						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MBP		Finite Element Modeling of Dislocation Propensity in Total Hip Arthroplasty, T.A. Maxian, T.D. Brown, D.R. Pedersen, and J.J. Callaghan, 42nd Annual Meeting, Orthopaedic Research Society, February 19-22, 1996, Atlanta, Georgia, p. 259-44
MBP		Femoral Head Containment in Total Hip Arthroplasty, Standard vs. Extended Lip Liners, T.A. Maxian, T.D. Brown, D.R. Pedersen, and J.J. Callaghan, 42nd Annual Meeting, Orthopaedic Research Society, February 19-22, Atlanta, Georgia, p. 420

EXAMINER Michael B. Pinty	DATE CONSIDERED 09/03/2003
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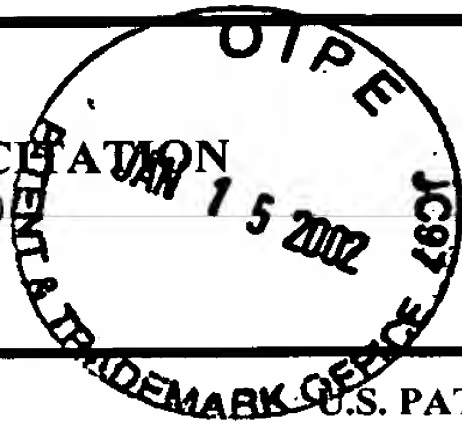
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		Docket Number (Optional) ZIM0048-01	Application Number
		Applicant(s) Dana Mears et al.	
		Filing Date	Group Art Unit

*EXAMINER INITIAL	OTHER DOCUMENTS	(Including Author, Title, Date, Pertinent Pages, Etc.)
MBP		An Image-Directed Robotic System for Precise Orthopaedic Surgery by Russell H. Taylor, Brent D. Mittelstadt, Howard A. Paul et al., IEEE Transactions on Robotics and Automation, Vol. 10, No. 3, June 1994, pgs. 261-275
		Techniques for Fast and Accurate Intraoperative Registration by David A. Simon, Martial Herbert, and Takeo Kanade, Journal of Image Guided Surgery, 1:17-29 (1995)
		Computer-Assisted Knee Anterior Cruciate Ligament Reconstruction: First Clinical Tests by Vincent Dessenne, Stephane Lavallee, Remi Julliard et al., Journal of Image Guided Surgery, Vol. 1, No. 1, 1995, pgs. 59-64
		Comparison of Relative Accuracy Between a Mechanical and an Optical Position Tracker for Image-Guided Neurosurgery by Robert Rohling, Patrice Munger, John M. Hollerbach and Terry Peters, Journal of Image Guided Surgery, Vol. 1, No. 1, 1995, pgs. 30-34
		Computer-Assisted Spine Surgery: A Technique for Accurate Transpedicular Screw Fixation Using CT Data and a 3-D Optical Localizer by S. Lavallee, P. Sautot, J. Troccaz, P. Cinquin and P. Merloz, Journal of Image Guided Surgery, Vol. 1, No. 1, 1995, pgs. 65-73
		Etude Du Cotyle Non Scelle De Bousquet Dans Cent Protheses Totales De Hanche Hybrides by J.H. Aubriot, P. Lesimple and S. Leclercq, Acta Orthopaedica Belgica, Vol. 59, Suppl. 1, 1993, pgs. 267-271
		La Tige Vissee De Bousquet Dans L'Arthroplastie Totale De Hanche En Premiere Intention by M.H. Fessy, J. Bejui and L.P. Fisher, Acta Orthopaedica Belgica, Vol. 59, Suppl. 1, 1993, pgs. 207-211
MBP		Anatomy-based Registration for Computer-integrated Surgery by Ali Hamadeh, Stephane Lavallee, Richard Szeliski, Philippe Cinquin, and Olivier Peria, Computer Vision, Virtual Reality and Robotics in Medicine, First International Conference, CVR Med '95 Nice, France, April 3-6, 1995 Proceedings, pgs. 212-218
		BIAS Total Hip System Surgical Technique for Primary Hip Arthroplasty and Revision of Hip Arthroplasty with Bone Grafting by Ramon B. Gustilo, M.D. and Richard F. Kyle, M.D.

EXAMINER <div style="font-family: cursive; font-size: 1.2em; margin-top: 10px;">Michael B. Pichay</div>	DATE CONSIDERED <div style="font-family: cursive; font-size: 1.2em; margin-top: 10px;">09/03/2003</div>
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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Docket Number (Optional) ZIM0048-01	Application Number 09/992,639
	Applicant(s) Dana Mears et al.	
	Filing Date November 6, 2001	Group Art Unit 3732



U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MBP		3,955,568	05/1976	NEUFELD	128	92 E	
		5,047,034	09/1991	SOHNGEN	606	87	
		5,147,366	09/1992	ARROYO et al.	606	94	
		5,342,363	08/1994	RICHELSON	606	79	
		5,507,814	04/1996	GILBERT et al.	623	16	
		5,624,447	04/1997	MYERS	606	96	
		5,683,395	11/1997	MIKHAIL	606	86	
		5,788,704	08/1998	TIMPERLEY	606	95	
		5,951,561	09/1999	PEPPER et al.	606	80	
		6,113,605	09/2000	STORER	606	99	
MBP		2001/0014828	08/2001	YOON	623	23.46	

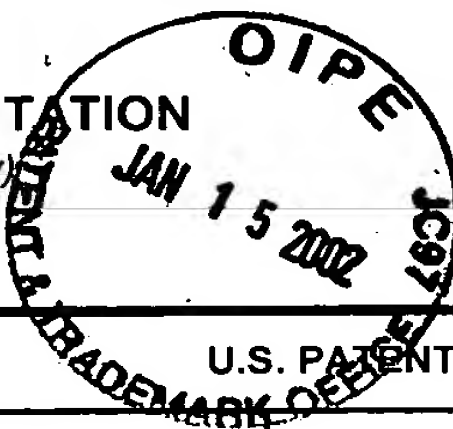
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
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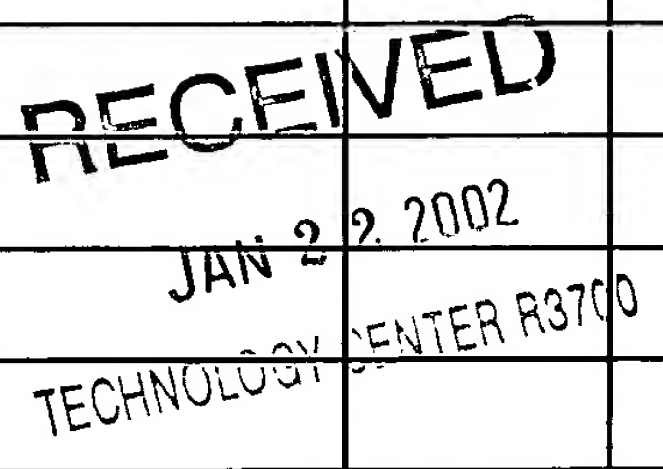
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				Dana Mears et al.			
				FILING November 6, 2001		GROUP 3732	



U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MBP	2001/0014829	08/2001	YOON	623	23.46	
MBP	2001/0016780	08/2001	YONG SAN	623	23.46	



FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			

EXAMINER <i>Michael B. Pribyl</i>	DATE CONSIDERED <i>09/03/2003</i>
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